

The logo for Cancer Moonshot, featuring a white circle with a gap at the top and bottom, centered behind the text.

CANCER MOONSHOT

***Anabella Aspiras, MPA, RN, BSN
Director for Patient Engagement
Cancer Moonshot Task Force***

**The 23rd Annual Maryland State Council on Cancer Control
Cancer Conference
November 15, 2016**

Please be thinking...

How do our priorities on the Cancer Moonshot align with your work, practices and experiences, and what areas need greater attention in order to advance our efforts, and ultimately achieve a Cancer Moonshot?

Bringing the Cancer Moonshot Down to Earth

- What is the Cancer Moonshot Task Force?
 - Why Now?
 - Overview
 - Cancer Moonshot Summit
- The Cancer Moonshot Report
 - Vice President Biden's Strategic Plan
 - The Task Force Report
 - The Blue Ribbon Panel Report
- Patient Engagement
 - Listening to Patients and Providers
- What's Next: Sustaining a Movement
- YOUR Input



Photo Credit: White House

Mission

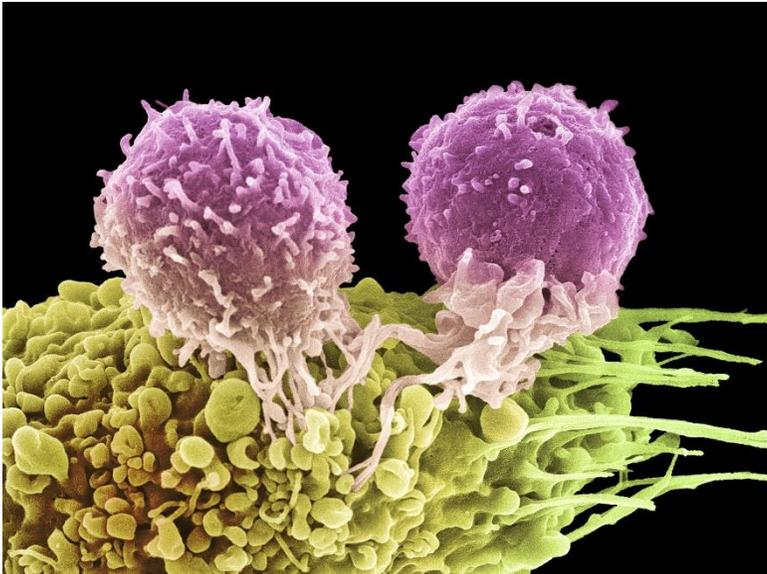
- Dramatically accelerate efforts to **prevent, diagnose, and treat cancer** – to achieve a decade's worth of progress in five years
- Ultimately, to end cancer **as we know it.**



Photo Credit: White House

Why Now?

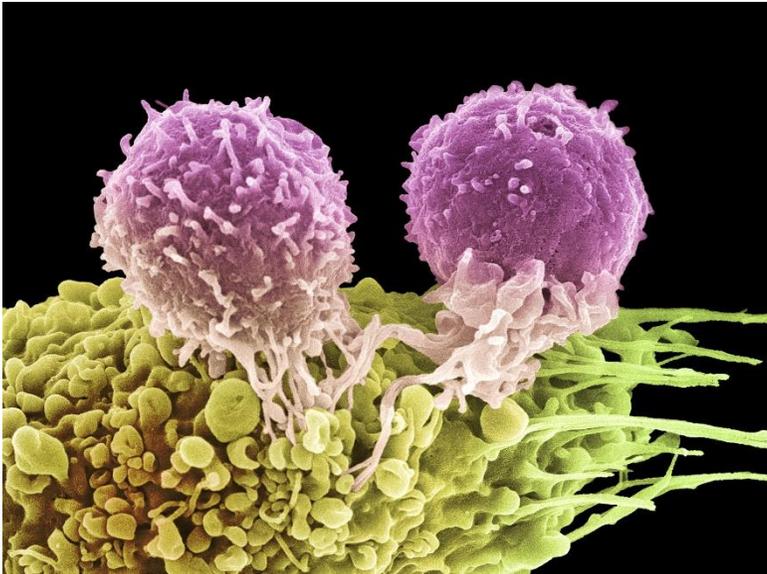
New scientific
understanding



Weintraub K. (2016). *Nature Med* 22, 8-10.

Why Now?

New scientific understanding



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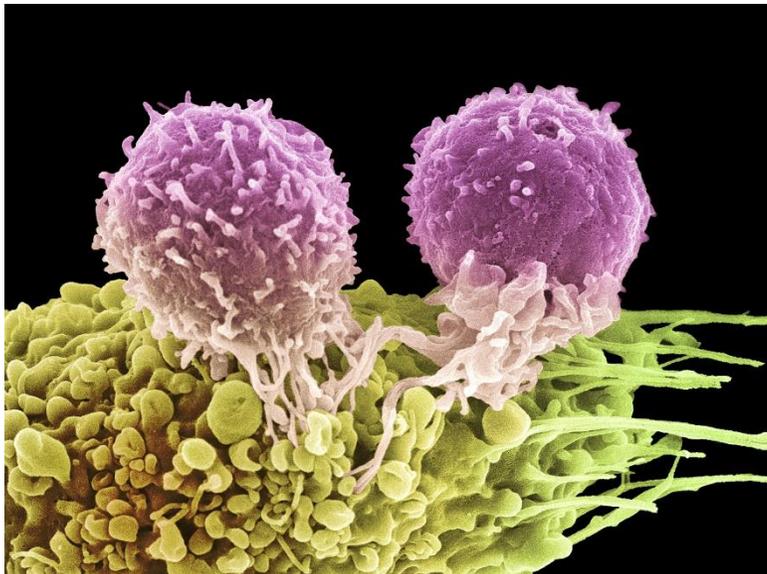
Powerful technology



McNutt. (2015). *Science* 350(6267), 1445.

Why Now?

New scientific understanding



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Powerful technology



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Vast amounts of rich data



Elliott JH et al. (2015). *Nature* 527 (7576), 31-32.

9/19/2016

Joe Biden announces major new steps in his fight for better cancer research

1.6k
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Vice President Joe Biden speaks at the 2016 Social Good Summit on Monday, Sept. 19, 2016.

IMAGE: MASHABLE

The first step is the announcement of 10 new commitments with nine nations to support better international cancer research and care. The U.S. will work with institutions in Canada, China, Germany, Switzerland, Taiwan, Japan and South Korea in the field of proteogenomics, and with Serbia, Sweden and Japan to open a discussion about better prevention, screenings, treatment and research collaborations. The U.S. Department of Energy will also work with Norway to share 1.7 million cervical screening results over the course of 25 years to seek out patterns in diagnoses and treatments.

Biden also announced the creation of regional hubs — collaborative centers that can help decrease disparities in cancer research around the world. These hubs will be funded by the National Cancer Institute, working with Japan, South Korea, New Zealand, the focus on areas of the world where spe



Establishing the Cancer Moonshot Task Force



Photo Credit: White House

Implementation

The White House
Office of the Press Secretary

For Immediate Release

January 28, 2016

Memorandum -- White House Cancer Moonshot Task Force

January 28, 2016

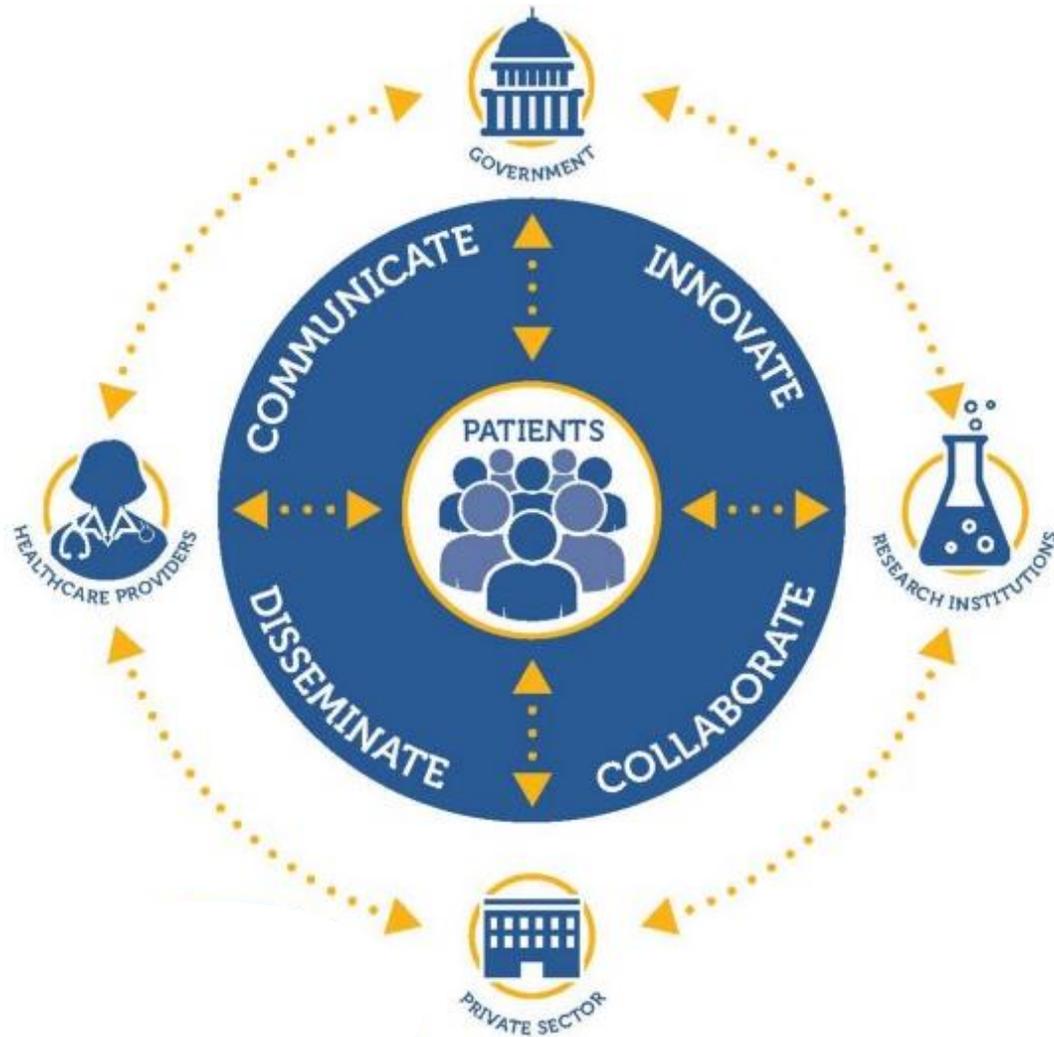
MEMORANDUM FOR THE HEADS OF EXECUTIVE DEPARTMENTS
AND AGENCIES

SUBJECT: White House Cancer Moonshot Task Force

Cancer is a leading cause of death, and cancer incidence is expected to increase worldwide in the coming decades. But today, cancer research is on the cusp of major breakthroughs. It is of critical national importance that we accelerate progress towards prevention, treatment, and a cure -- to double the rate of progress in the fight against cancer -- and put ourselves on a path to achieve in just 5 years research and treatment gains that otherwise might take a decade or more. To that end, I hereby direct the following:

- Convenes approximately 20 departments, agencies, and offices
- Charged with **leveraging federal investments, targeted incentives, private sector efforts, patient engagement initiatives and more to accelerate progress** in cancer research and treatment

Implementation



STRATEGIC GOALS

- Catalyze New Scientific Breakthroughs
- Unleash the Power of Data
- Accelerate Bringing New Therapies to Patients
- Strengthen Prevention and Diagnosis
- Improve Patient Access and Care

Lift Off: the Cancer Moonshot Summit



Photo Credit: White House

- Howard University, Washington, DC – 400 cancer researchers, oncologists, nurses, patients, and patient advocates
- Regional Summits – Over 6,000 people at 260 sites in all 50 states, Washington DC, Puerto Rico, and Guam
- A National Sense of Purpose

Lift Off: Summit Fact Sheet



The screenshot shows the White House website's navigation bar with links for BRIEFING ROOM, ISSUES, THE ADMINISTRATION, PARTICIPATE, and 1600 PENN. Below the navigation bar is a breadcrumb trail: HOME · BRIEFING ROOM · STATEMENTS & RELEASES. A left-hand sidebar lists various content categories, with "Statements & Releases" highlighted in red. The main content area features a header for "The White House Office of the Press Secretary" and a date of "June 28, 2016". The headline of the fact sheet reads: "FACT SHEET: At Cancer Moonshot Summit, Vice President Biden Announces New Actions to Accelerate Progress Toward Ending Cancer As We Know It". The introductory text begins with "WASHINGTON, D.C. - Today, the Cancer Moonshot is hosting a summit at Howard University, in Washington, D.C. as part of a national day of action that also includes more than 270 events in..."

 BRIEFING ROOM | ISSUES | THE ADMINISTRATION | PARTICIPATE | 1600 PENN

HOME · BRIEFING ROOM · STATEMENTS & RELEASES

Briefing Room

- Your Weekly Address
- Speeches & Remarks
- Press Briefings
- Statements & Releases**
- White House Schedule
- Presidential Actions
 - Executive Orders
 - Presidential Memoranda
 - Proclamations
- Legislation
 - Pending Legislation

The White House
Office of the Press Secretary

For Immediate Release June 28, 2016

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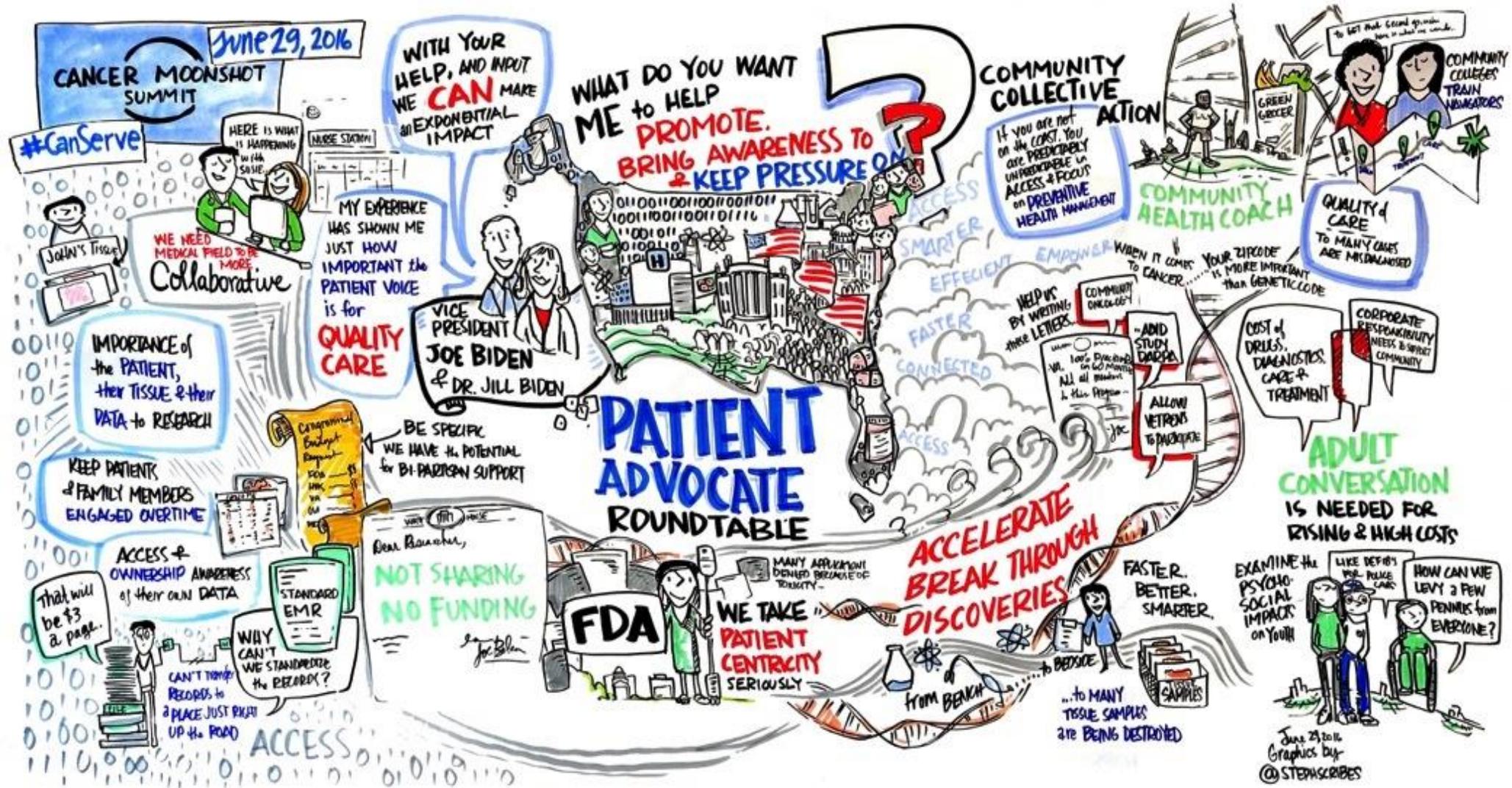


Photo Credit: White House

Report to the President from the Vice President

- Realign Incentives in the Research System
- Enhance Prevention Efforts
- Engage Patients as Partners in Research
- Expand Access to Care
- Convene a National Conversation about Cost



Photo Credit: White House

The Task Force Report



“This report presents the Task Force’s Implementation Plans for accelerating progress, including actions launched under the Cancer Moonshot this year, as well as longer-term plans for continuing momentum into the future.”

The Task Force Report - Highlights

- *Patents 4 Patients* – Establishing a Fast-Track Review for Cancer Treatment-Related Patents
- *Partnership for Accelerating Cancer Therapies* – NIH and industry pre-competitive research collaboration
- *Harnessing computing power* – Dept. of Energy and Dept. of Veterans Affairs partnership
- *Facilitating access to data* – National Cancer Institute Genomic Data Commons

The Blue Ribbon Panel Report

10 Years of Progress in 5: Blue Ribbon Panel Recommendations

- A. Establish a network for direct patient involvement in cancer research
- B. Create a translational science network devoted exclusively to immunotherapy
- C. Develop ways to overcome resistance to therapy
- D. Build a national cancer data ecosystem
- E. Intensify research on the major drivers of childhood cancers
- F. Minimize cancer treatment's debilitating side effects
- G. Expand use of proven prevention and early detection strategies
- H. Mine past patient data to predict future patient outcomes
- I. Develop a 3D cancer atlas
- J. Develop new cancer technologies

Listening to Patients & Providers

Listening to the Voice of the Patient: How the Cancer Moonshot is Prioritizing Patient Care

By Anabella Aspiras, Director of Patient Engagement, White House Cancer Moonshot Task Force



Aspiras (third from left) and Dr. Biden meet with patients. Credit: PatientsLikeMe.

Of the many words oncology patients use to describe their experience navigating the healthcare system, perhaps the most upsetting is “ignored.” As Director for Patient Engagement for the White House Cancer Moonshot Task

Connecting the Cancer Moonshot to Community Oncology



Connecting the Cancer Moonshot to Patient and Provider Priorities

The reality is that while tremendous work is taking place in oncology care, cancer patients and providers face numerous challenges.

Providers are challenged by relentless demands on their time, both in terms of patient care responsibilities and administrative tasks. Their efforts to address the person beyond the patient—including identifying with patients the goals of treatment and earlier introduction of palliative care—are too often thwarted by limited time and staff resources. Patients are acutely aware of the fear and countless unknowns that accompany a cancer diagnosis, and their experience is compounded by the myriad challenges of accessing compassionate care in a fragmented and overburdened healthcare system.

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Thank You...
Let's Talk

Contact Information

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www.whitehouse.gov/CancerMoonshot